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REFERENCE: BLUE SPRINGS

ATTACHMENT TO L-2885
15 MARCH 1967
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PETROLEUM PRODUCTS STORAGE
HAI PHONG, NORTH VIETNAM
2052N 10639E

(SEE NPIC BRIEFING BOARD L-1461 FOR COMPARISON)

1. SIGNIFICANCE:

THIS BRIEFING BOARD DEPICTS STRIKE DAMAGE TO THE
HAI PHONG PETROLEUM PRODUCTS STORAGE.

2. LOCATION:

THIS INSTALLATION IS LOCATED TWO NM NORTHWEST OF
HAI PHONG RAILROAD STATION, CLASSIFICATION YARD AND
SHOPS

3. BACKGROUND:

PRIOR TO THE FIRST U.S. AIR STRIKE AGAINST THE
HAI PHONG PETROLEUM PRODUCTS STORAGE ON
THIS FACILITY CONSISTED OF THIRTY ABOVEGROUND CYLINDRICAL
PETROLEUM STORAGE TANKS OF VARYING SIZES AND CAPACITIES
AND FIVE SMALL HORIZONTAL SERVICE TANKS. THE TOTAL
PRE-STRIKE STORAGE CAPACITY OF THE INSTALLATION WAS
ASSESSED AT 47,925 METRIC TONS.

NGA Review Complete

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PHOTOGRAPHY OF EARLY [REDACTED] REVEALED A NEWLY IDENTIFIED PROBABLE UNDERGROUND STORAGE AREA WITHIN THIS FACILITY LOCATED ON THE SOUTH BANK OF THE CUA CAM (DISTRIBUTARY) BETWEEN THE MIDDLE AND EASTERN PIERS. THE AREA CONTAINED AT LEAST TWENTY BUNKERED TANKS.

THE STRIKE OF [REDACTED] AND SUBSEQUENT AIR STRIKES HAVE RENDERED THE FACILITY UNSERVICEABLE FOR CONVENTIONAL ABOVEGROUND STORAGE AND REDUCED THE TOTAL STORAGE CAPACITY TO APPROXIMATELY 481 METRIC TONS, ALL OF WHICH IS LOCATED IN THE BUNKERED STORAGE AREAS.

4. MISSION READOUT:

BLUE SPRINGS [REDACTED] REVEALS THAT TWENTY-EIGHT OF THE THIRTY ABOVEGROUND TANKS ARE DESTROYED OR DISMANTLED AND THE TWO LARGER ABOVEGROUND TANKS WHICH REMAIN ARE SEVERELY DAMAGED AND PRESENTLY UNUSABLE FOR PETROLEUM STORAGE. OF THE FIVE SMALL SERVICE TANKS, FOUR ARE DESTROYED AND ONE IS POSSIBLY DAMAGED. THE MAJORITY OF THE BUILDINGS IN THE FACILITY, INCLUDING THE WEST PUMPHOUSE AREA, ARE EITHER DESTROYED OR SEVERELY DAMAGED; THE EAST PUMPHOUSE AREA IS ONLY SUPERFICIALLY DAMAGED.

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REMAINING USABLE STORAGE IS CONFINED TO THE UNDERGROUND STORAGE AREAS NEAR THE SOUTH BANK OF THE CUA CAM. THE AREA BETWEEN THE MIDDLE AND EASTERN PIERS CONTAINS TWELVE LARGE (25 METRIC TON) BUNKERED TANKS, ONE UNBURIED 25 METRIC TON TANK, AND EIGHT STANDARD (12 METRIC TON) BUNKERED TANKS. AT LEAST FIVE ADDITIONAL 12 METRIC TON BUNKERED TANKS ARE LOCATED NEAR THE WESTERN EDGE OF THE FACILITY.

SEVERAL OTHER BUNKERED TANKS OF SMALL CAPACITY ARE POSSIBLY LOCATED WITHIN THE FACILITY; HOWEVER, THESE WOULD NOT SIGNIFICANTLY CHANGE THE STORAGE CAPACITY.

AT LEAST SIXTEEN RAIL TANK CARS ARE OBSERVED ON THE RAIL SIDINGS SOUTH OF THE FACILITY.

BLUE SPRINGS

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**PETROLEUM PRODUCTS STORAGE
HAI PHONG, NORTH VIETNAM
20-52N 106-39E**



CUMULATIVE DAMAGE ASSESSMENT

28 CYLINDRICAL TANKS DESTROYED/DISMANTLED
2 CYLINDRICAL TANKS SEVERELY DAMAGED
5 HORIZONTAL SERVICE TANKS DESTROYED/DAMAGED
25 BUNKERED TANKS UNDAMAGED



4X ENLARGEMENT
NPIC L-2885 (3/67)

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